

Db 493 tggacaaaccgcacatccagactgtgctgacgacctcaagaagcaggagaggagatg 552

QY	362	aatttgatgccacttcacaaattgataataatagagagaaagatgtagtccttaca	421
Db	553	gaacttcggtcggcgtccaccagatgacaaactcaccaggcgctgaagatgtaggtgtccctg	612
QY	422	accacatc--ataaaagaaacacaaatgaattgatttgaactattgaaactactagttaa	478
Db	613	gccaaagcccaagcacccgcgtgacacatgaaacagattctgagtaacctggaagctgcgcggcaag	672
QY	479	ggcactcttggnaaagtatttttggcttcgaaagaaagcagaagtggnaaatatactatgtatg	538
Db	673	ggcactcttcggaaagtgatccctgtgaaaggaaagccacaaagccgcgtactactgcacatg	732
QY	539	aagatctctgaagaaagaagatcatattatgcaaaagatgaagtgagcaacactactaaatgaa	598
Db	733	aagatctcccaagaaagaagatcatatcgtggccaagagacgaagtgagcccaacactacccagag	792
QY	599	agcagaagatttaagaagaacacatagacatcccttttaacatcccttgaaataatctctccag	658
Db	793	aaccgcgtcccgcaagaatacccaagacaccccttcctccacagcccttgaaagtaactcttcacag	852
QY	659	acaaaagaacccgtttgtgtttgtgtatgnaabatgttaatgggggcagacggttttcacat	718
Db	853	accacagccgcgcctcgtcctgtctgtacatgagatagccaaagcggggcgaagctgtcttcacac	912
QY	719	ttgtcgaagagacgggtgtctctctgaagacccgcacaagcttccatgtgtcgaagaattgttc	778
Db	913	ctgtcccggaagacgttgatcttcgcagagacccggcccgctctatgtgcgtctgaagtgttg	972
QY	779	ctcgccttggagctctctacatctccggaaaga---ttgtgtacccgtatcatcgaattggag	835
Db	973	tcagccctcggaactcagcactctgagaaagaagaacgtgtgtacccggagactccaagctcgaag	1033
QY	836	aactcaatgcctggacaagaagatgagccacataaaatttacaagattttgactttggcaaaaga	895
Db	1033	aacctcaatgcctggacaagaagatgagccacataaaatttacaagattttgactttggcaagag	1099
QY	896	ggagatcacagatgtagccaccacatgaagaacatcttgtagcactccaaatatalctggcacaa	955
Db	1093	ggagatcacagagatgtagccacacatgaagaacatctttgtagcactccaaatatalctggcccc	1155
QY	956	gaagtggttaagaagaatattgactatgtagccgaagcagtagactggttgaggcctagagggtgttc	1015
Db	1153	gaagtggttcggaggaacaatgtagctacggccggctgacgtgagatctgtgggggcttcggcgtgttc	1212
QY	1016	atgcatgaataatgaatgtgtggaggtttaaactcttcacaaacaaagaaacaaatgaaagaactttt	1075
Db	1213	atgcatgaagaatgaatgtgtgggttcgcgcgcctcttcacaaacaaagaaacaaatgaaagaactttt	1277
QY	1076	gaattaatatctaabygaagaacatlaaattctccctcgaaacactctctcagaatgtaacaatla	1135
Db	1273	gagctcatctccatcgaagagatccgctccgtcccgcgacgcttgggtcccgagggccaaagctcc	1333
QY	1136	ttgtcttcacaggtctcttgataaaagagatccaataaaagcgccttggtgtaggaagacaaatgat	1195
Db	1333	ttgtcttcacaggtctcttgataaaagagatccaataaaagcgccttggtgtaggaagacaaatgat	1392
QY	1196	gcaaaagaattatagagacacagttctctctctcgtgaagtaactggccaagatgataatgat	1255
Db	1393	gccaagaagagatcatgacagctcgcctctctcttcgcggatagctgtgtagcagcaacgttgtaagag	1452
QY	1256	aaaaagcttgtaacctctttaaacctcaagaatcaacatcctgaaacagataactgataattt	1315
Db	1453	aagaagatcgaccacccacttcaaaagcccccaaggtcgaacgttcggagaaatcgacaacaggtatatt	1512
QY	1316	gatgaagaattatcacgctcagactatatacaataaacaacacctgnaaaatatagtatgagat	1375
Db	1513	gatgaagaattatcacgctcagactatatacaataaacaacacactgnaaa-----gatgac	1566
QY	1376	ggtatgagactcagatgacaatgagagggcggcgcgacttccctcaatttctactactcgtgca	1435
Db	1567	agcaatggagatgtgtgtagacagcgagcgcaagcccccaatcccccagattctcactactcggcc	1626
QY	1436	agtgagacgaagaataaagtc	1453

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Db      1627  aagcagcagcgctgagc 1644

RESULT      2
US-09-091-058-1
: Sequence 1, Application US/09091058
: Patent No. 6054285
: GENERAL INFORMATION:
: APPLICANT: Hemmings, Brian A.
: APPLICANT: Frech, Mathias
: TITLE OF INVENTION: Screening Method
: FILE REFERENCE: 4-20683/A/20684/PCT
: CURRENT APPLICATION NUMBER: US/09/091,058
: CURRENT FILING DATE: 1998-06-10
: EARLIER APPLICATION NUMBER: PCT/EP96/04814
: EARLIER FILING DATE: 1996-11-05
: EARLIER APPLICATION NUMBER: 9525703.6
: EARLIER FILING DATE: 1995-12-15
: NUMBER OF SEQ ID NOS: 23
: SOFTWARE: PatentIn Ver. 2.0
: SEQ ID NO 1
: LENGTH: 2610
: TYPE: DNA
: ORGANISM: Homo sapiens
: FEATURE:
: NAME/KEY: CDS
: LOCATION: (199)..(1641)
US-09-091-058-1

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Query Match	46.5%	Score 719.2	DB 3	Length 2610
Best Local Similarity	70.3%	Pred. No.1.3e-197		
Matches 1025	Conservative	0	Mismatches 418	Indels 15
				Gaps 4
QY	5	gtcatcatgagcgaatgttaccattgtgaaagaaggttggttcacagaagaaggaggaaatat	64	
Db	193	gtccacttggagacgtgtgctattgttgaaagggtgtgtctgcacaaacgaaggagatc	252	
QY	65	ataaaaactggagcgccaaagatactctcttttgaagacagatggtcatctatagatat	124	
Db	253	atcaagaccttggcgcccgctactctctcccaagaatgatgagcactctcatctgtcac	312	
QY	125	aaagagaacctccaagatgttgatttacctta--ttccctcaaacactttcagtgca	181	
Db	313	aaggaagcgccggcagatgtgtgaccaaagttagtgctccctcccaaacacttctctgtgcg	372	
QY	182	aaatgycgcatgaatgaaacaacgaacgaccacaagccaaacatatatatcatgattgtc	241	
Db	373	cagtgcccgctgattgaagaacgagacggtccggccccaacacttcatactacgtccgtcg	432	
QY	242	cagtggaactatgttatagagagaacatttatgtatagatactccgagagaagaagaa	301	
Db	433	cagtgagcaactgtcatctatctgaaacgcacctcttcattgtgagactctctgagagccggagagag	492	
QY	302	tggacagaagctatctccaggtctgtagcagacgactgcagagggcagaagaagagagaagt	361	
Db	493	tggacaacccgcatactccagactgtgtcttgacggtccccaagaagcagagagagagagt	552	
QY	362	aattgtatgtccaacttccaattgcaatatatagagagggagagatgtatgtccctctca	421	
Db	553	gacttcggtgtcggtctcaaccacagtgcacaactccaggggtcgtaagagatgtgaggtgtccctg	612	
QY	422	accctac--ataaaagaagaagacaatgatattgtattgtactcttggaaactctagttaa	478	
Db	613	gtccaaagcccaagcaccggtgacatgaagagtgttgatccttgaagctctgtggcaag	672	
QY	479	ggccatttggaaagtatttgtgtccgagagaaggaagtggaataatactatgtctat	538	
Db	673	ggccatttggcaagtgatctcgtgtgaagagaagaagccaaagccgctactaagccat	732	
QY	539	aaagattctgaaagaagaagcatcatatgtgcaagaagatgaagtgtgcacacacttaactgaa	598	

Db	733	aagatctcctaagaagaatgatcatcgtgcccagaagagagtggtcccaacaactaacgag	792
Qy	599	agcagagatlaaagaacactagaacatccctcttlaaacctctgaataatccttcag	658
Db	793	aaccgctcctcgaagacttccaggaacccctcttccaaacagccctgaagtactcttcag	852
Qy	659	acaaagaaccgtttgtgttttctgtgaataatgtaatgttaatgtgggcgagctgtttccat	718
Db	853	accacagaccgctctgtcttctgaacgtatcgcacaacaggggagcgtcttctccac	912
Qy	719	ttgcgcgagagcggtgtgttcctcttgagaccgcacaacgtttctatcgtgtgcgaatttc	778
Db	913	ctgtcccggaacggtgtgttctcccgagagcccggtccgccttcaatgagcgcgagattgtg	972
Qy	779	tcgtccttgactatctatcatctccggaaga--ttgtgaacgtgaatcaagtltgag	835
Db	973	tcagccctcgtactactcgtcacctcgtggagaagcgtgtgttacccggagacctcaagtgtgag	1032
Qy	836	aattcaatcgtgcacaagaatgtgcccacataaataatcaagattttgagcttgcacaaga	895
Db	1033	aacctcctcgtgcacaagaagcgcacattatgaatcacagacttctggcgtgtgcaagag	1092
Qy	896	gggtgcacagatccagccacacatgaagaactctgtggaactcgcagaataatctgcacca	955
Db	1093	gggtgcacaagagcgtgtccaccacaagaagaccttcttggtgacaaccgtgaatccgtcccc	1152
Qy	956	gagatgttgaagaataatgactatgcccgcagcagatgaactgtgtgggcctaggggtgttc	1015
Db	1153	gaggtgtcgtgagagaacaatgactacgcgcgtctgcagtgactgtgtgggtcgtggcgtgttc	1212
Qy	1016	atgtatgaatgatgtgtgtggaggtttacctcttctacaaacagagaccatgtagaactttt	1075
Db	1213	atgtacagatgtatgtgtcgtctgcgcctctcttaacaacagacacatgtagaagctttt	1272
Qy	1076	gaattaatatlaattggaagacatlaattctctcgaacacctctcttcagatgtgcaaatca	1135
Db	1273	gagctaccccatgagagagagatcgcgtcttcgcgcagcagcttgcctccgaagccaaagtc	1332
Qy	1136	ttgctttcaagggcctctgtgaataaagataccaaataaacgctctgtgtgaggaacagatgt	1195
Db	1333	ttgctttcagggcgtcgtccaaagaagcccccaagcagagctctgtgggcgtcccgagac	1392
Qy	1196	gcacaagaataatgagacacagttctctctctgtgaataactgtgcagaagatgtatgat	1255
Db	1393	gccaaagagatcatgacagcatcgtcttcttgcgcgtatcgtlttgcagcaacgtgtacag	1452
Qy	1256	aaaaagcttgactctctttaaactcgaactgaactctctgaagacagataactagatattt	1315
Db	1453	aagaagctccagcccaaccttcaagcccccggtacgtctcggaactcgtgaccccggaatttc	1512
Qy	1316	gataaagaatlaacagctcagactatataataaccccggaanaaatatgatagagt	1379
Db	1513	gatgagaggttaacgagcccgatgatcacatcaacacacctgaccac-----gatgac	1566
Qy	1376	ggtatgactgtcatgacaatgtgagcggtccgcatcttccttaatttctactactgtca	1435
Db	1567	agcatgagatgtgtgtgacagcgagcgaagcccccaacttccccaagttctcctaactgcgc	1626
Qy	1436	agtgagcagagataaagtc	1453
Db	1627	agcagacagcgctgaagtc	1644
RESULT 3			
US-09-256-465-1			
; Sequence 1, Application US/09256465			
; Patent No. 6043090			
; GENERAL INFORMATION:			
; APPLICANT: Brett P. Monia			
; APPLICANT: Lex M. Cowsett			
; TITLE OF INVENTION: ANTISENSE MODULATION OF AKT-2 EXPRESSION			
; FILE REFERENCE: RTS-0035			
; CURRENT APPLICATION NUMBER: US/09/256,465			

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: CURRENT FILING DATE: 1999-02-23
: NUMBER OF SEQ ID NOS: 47
: SEQ ID NO 1
: LENGTH: 1599
: TYPE: DNA
: ORGANISM: Homo sapiens
: FEATURE:
: NAME/KEY: CDS
: LOCATION: (88) ..(1533)
: US-09-256-465-1

Query Match      42.5%; Score 658.2; DB 3; Length 1599;
Best Local Similarity 67.7%; P: 0; Mismatches 453; Indels 18; Gaps 4;
Matches 988; Conservative

OY      5  gtacatcatgagagatgttaccatctgttgaagaaggttggttcacgaagaggaggaaat 64
Db      82  gccaccatgaaatgaaagtgtctgtccatcaagaagagctggtcccaagaagctggtgaatc 141
OY      65  ataaaaaactggagagcccaagatacttcctlttgaagacagatgctcatctaatagatat 124
Db     142  atcaagactctgaggcccaagctacttcctcgtcgaagagagcagctccctcaatggttac 201
OY     125  aagaagaaacctcaagatgttgattacctatcccc---tcaacaactttcagtgcga 181
Db     202  aaggagagagcccgaggccctctgatacagatctaccgcccttlaacaacttccgttagca 261
OY     182  aaatccaggttatataaacaagaacagccaagaagccaaacaacttatacagatgttc 241
Db     262  gaatgcagcctgtatgaagaacccgagcgccgcgacccaacaacctgttcaatcagctgcg 321
OY     242  cagttgactactgttatagagagaacatttcattagatactccagagagaaaggagaagaa 301
Db     322  cagttgaccacacgtatcatcgagagagccttccacgtgtattcccaagcagagagggagag 381
OY     302  tggacagaagactatccaggctgttagcagaacgaact-----gcagaagcagaagagag 355
Db     382  tggatgcgagccatccatagatgtgcgccaaacgaagcagcgagccccaagcgagagac 441
OY     356  aagaatgatttgaagccaaacttcacaaatttgataatagtagagagaaagatgtgatgac 415
Db     442  cccaatgatacaagatgtgtgctcccccagtgactcctccaagactgtgagagatgtgaagt 501
OY     416  tctacaaccccat--cataaaagaagaacaagaatgatttggactatttgaactacta 472
Db     502  ggcgtcagcagaagcgaacggtctaagttagcactgatgactctgactatctcaactcctt 561
OY     473  ggttaaggaaccttttgggaaagtatttlttgctcgaagagaagcgaatgynaataactat 532
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OY     533  gctatgaagattcttgaagaagaagatcatatttgaagaagatgaaagtgcacacgctcta 592
Db     622  gccatgaagaatctccgtcgaagaagaatcatcatcttgcgaagatgactgcctacacagtc 681
OY     593  actggaagcagagatctttaaagacacctagacatccctttttaaactccctgaataatcc 652
Db     682  accgagagcgcggtctctccagaacacacagaccccgcttctcaatcagcgtctgaagtatgc 741
OY     653  ttccagacaaaagaccgcttgtgttttgttgaatgaatgataatgaatgagggcgagctgtt 712
Db     742  ttccagaccacacagacgctgtgtcttgtgtatgtagatgacaaacaggggggtgagctgttc 801
OY     713  ttccattgtcgaagagcgggtgtctctctgaaggacccgcacagcttctcatggtgcagaa 772
Db     802  ttccacacttcccgagagcggtcttccacaagagggagcgggcccggtttattgttgcagag 861
OY     773  attgactctgcgcttggactatcctaactcgaagaagatgvtatccgttatccgaagtgt 832
Db     862  attgtctcgtgccttctgaaactctgcacctcggggagagctggtatataccgcgacataagc 921
OY     833  ggaatctaatctctgacaaagaatgcccacataaaataatcagcatatttggactttgcaaa 892

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Db      922 gaaacccctcgtcgtgcaagaatgcatcaagaatcgaacttgcctctgcaaa 981
Qy      893 gaaggagatcacagatgagccaccatgaacatctctgtgcaactccagaatatcggca 952
Db      982 gaaggatcacagatgagccaccatgaacatctctgtgcaactccagaatatcggca 1041
Qy      953 ccagaggtgttaagaataatgactatgcccagctgaactggtgtggtccctagggct 1012
Db      1042 ccgaggtgtgctgaggaacaatgactatgcccagctgagctgtgtgtgtgtgtgtgt 1101
Qy      1013 gtcataatgaaatgatagtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgt 1072
Db      1102 gtcataatgaaatgatagtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgt 1161
Qy      1073 ttggaattaatatgaatgaagaacatattcctcgcgaacactccttcagatgcaaaa 1132
Db      1162 ttcgaactcactcctcctcgaagaagatccgcttcgcgcagcgtccagcccgagccaa 1221
Qy      1133 tcatlgtctcagagctccttgaataaggaatccaaataaagccttgggtgtgtgtgtgt 1192
Db      1222 tccctgtcgtcgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgt 1281
Qy      1193 gatgcacaaagaatattatgagacacagttctctctgtgagtaaacctgcagagtgat 1252
Db      1282 gatgcacaaagaatattatgagacacagttctctctgtgagtaaacctgcagagtgat 1341
Qy      1253 gatataaagctgttactcctctttaaactcaagtaacatctgtgagacagatatgat 1312
Db      1342 cagaagaagctcctcctcaccctcctcctcctcctcctcctcctcctcctcctcctc 1401
Qy      1313 ttgttaagaagaattacagctcagactatatacaaacacacccgtgaataatgatgtg 1372
Db      1402 ttgcgtatgtaattacacgcgcagccatcaatacaacaccccgagccgtat----- 1455
Qy      1373 gatgtatagactgcataatgacaatgagagcgccgcatcttcctcaatcttccactct 1432
Db      1456 gacagcctcgtgcttactgtgagctgagcagcgaccacttcccaagtctccactctg 1515
Qy      1433 gcaagtgcagagaaatga 1451
Db      1516 gccagcatccgcgagtgag 1534

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RESULT 4

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; Sequence 1, Application US/09474922A
; Patent No. 6187586
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowert
; APPLICANT: Richard A. Roth
; TITLE OF INVENTION: ANTISENSE MODULATION OF Akt-3 EXPRESSION
; FILE REFERENCE: RTS-0036
; CURRENT APPLICATION NUMBER: US/09/474,922A
; CURRENT FILING DATE: 1999-12-29
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 1
; LENGTH: 403
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-474-922A-1

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Query Match Best Local Similarity 100.0%; Score 403; DB 4; Length 403; Matches 403; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy      29 gtgaagaaggtgtgtgtcagaagaagggaataataaaactgtgagccaaagtac 88
Db      1 gtgaagaaggtgtgtgtcagaagaagggaataataaaactgtgagccaaagtac 60
Qy      89 ttcctttgaagaagatggtcattcatagatatagaagaagaacctcaagatgtgat 148

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Db      61 ttcctttgaagaagatggtcattcatagatatagaagaagaacctcaagatgtgat 120
Qy      149 ttaactatccctcaacacactttcagtgagcaaaatggcaagttatgaagaacagacga 208
Db      121 ttaactatccctcaacacactttcagtgagcaaaatggcaagttatgaagaacagacga 180
Qy      209 ccaagcacaacacattatcaatcagatgtctcagtgagactcgttataagagacga 268
Db      181 ccaagcacaacacattatcaatcagatgtctcagtgagactcgttataagagacga 240
Qy      269 ttcatgtgatatctcagaggaaggaaggaatggaacagatccagctgttagca 328
Db      241 ttcatgtgatatctcagaggaaggaaggaatggaacagatccagctgttagca 300
Qy      329 gacagctgcagagggcaagaagagggagagatgtatgttagttcaactcacaatgtat 388
Db      301 gacagctgcagagggcaagaagagggagagatgtatgttagttcaactcacaatgtat 360
Qy      389 aatataagaggaagagatgagtgctcctcacaaccatcata 431
Db      361 aatataagaggaagagatgagtgctcctcacaaccatcata 403

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RESULT 5

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; Sequence 2, Application US/09474922A
; Patent No. 6187586
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowert
; APPLICANT: Richard A. Roth
; TITLE OF INVENTION: ANTISENSE MODULATION OF Akt-3 EXPRESSION
; FILE REFERENCE: RTS-0036
; CURRENT APPLICATION NUMBER: US/09/474,922A
; CURRENT FILING DATE: 1999-12-29
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 2
; LENGTH: 387
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-474-922A-2

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Query Match Best Local Similarity 99.5%; Score 383; DB 4; Length 387; Matches 385; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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Qy      972 atgactatgcccagagcagtagactgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgt 1031
Db      1 atgactatgcccagagcagtagactgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgt 60
Qy      1032 gtggaggttacccttctcacaacacagagacatgagaacatttgaataatataatgt 1091
Db      61 gtggaggttacccttctcacaacacagagacatgagaacatttgaataatataatgt 120
Qy      1092 aagacatataattcctclogaacactcctclogaacactcctclogaacactcctclogaac 1151
Db      121 aagacatataattcctclogaacactcctclogaacactcctclogaacactcctclogaac 180
Qy      1152 tgataaagatccaataataaagcctgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgt 1211
Db      181 tgataaagatccaataataaagcctgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgt 240
Qy      1212 gacacagttctcctcgtgagtaactgcgaagatgtatataataaaagctgttactct 1271
Db      241 gacacagttctcctcgtgagtaactgcgaagatgtatataataaaagctgttactct 300
Qy      1272 ctcttaaacctcaagtaacatctgagacagatactatcttctgtatgaaagtcttacc 1331
Db      301 ctcttaaacctcaagtaacatctgagacagatactatcttctgtatgaaagtcttacc 360
Qy      1332 ctgagactatatacaatacaaccactg 1358

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Db 357 ACACAAGGCGAAGAAGTGTCTATGACAGTCAAGTTTACAGACAAGCAATCCTGAA 416
Qy 568 aaagatgaagtgacacacttcaactgaagcagag---tattaagaacactagaca 624
Db 417 AAAGAAAGAGAGAAACATATTATGCGAGCGAATGTTCTGTGAAGAATGAGCA 476
Qy 625 tcccttttaacactccttgaatattccttcagacaaagaccggttggtttggat 684
Db 477 CCTTTTCCTGGTGGGCTTCACTTCTTTCACAGACTGCTGACAAATTTGACTTTCCT 536
Qy 685 ggaataatgttaaaggagcagctgttttccatttgcagagagcgggtgtctctga 744
Db 537 AGACTACATTAAATGGTGGAGAGTGTGTACCATCTCCAGAGGAAAGCTGCTCTGGA 596
Qy 745 ggaacgcacagcttctcattatgtgcagaatgtctcctcctggactatcattcgg 804
Db 597 ACCAGGGCTGCTCTTCTATGCTGTGAATATGACCAAGTGGCTGCTACCTGATTCAC 656
Qy 805 aaagattgtacactcgtatcgaagtgtgagaatcctaagctggagaaagatggcact 864
Db 657 GAACATCGTTTATAGAGACTTAAACACAGAAATATTTTGTAGATTTCACAGGACACAT 716
Qy 865 aaaaattacagatttggacttgcagaagaaggatcacagatgcacacatgagac 924
Db 717 TGTCTTACTGACTTCGACTCTGCAAGAGAAACATGAAACAAACAGACAAACATCCAC 776
Qy 925 attcgttgacactcagaatatctgcacacagagtggttaagaagataatgactatg 984
Db 777 CTCTGTGGCAGCGGAGATATCTGCACCTGAGGTGCTTCAATAGCACCTTATGACAG 836
Qy 985 agcaatagactgtgggagcctagagggttgcattatgaatgagatgtgtggaggttac 1044
Db 837 GACTGTGAGCTGTGTGCTGCTGAGAGCTGTCTTGTATGAGATGCTGTATGGCTGCGCC 896
Qy 1045 ttctcaaacacagacatgagaacatttgaatlaatatgaagaagaatlaaatt 1104
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Qy 1165 aaataaagccttggtagagaccagatgataaagaatlaagagacagacttct 1224
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Qy 1225 ctctggagtaaacctggcagaatgataatgataaaagctgttaccctttaaactca 1284
Db 1074 CTCTTAATTAACTGGGATGATCTCATTAATAAGAAAGATTACTCCCTTTTAACCAAA 1133
Qy 1285 agtaacatcagagacagatagatatttggatgaagaatttaacagctcagactatc 1344
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Qy 1345 aa 1346
Db 1194 CA 1195
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RESULT 8
US-09-111-444-6
: Sequence 6, Application US/09111444
: Patent No. 6045792
: GENERAL INFORMATION:
: APPLICANT: Au-Young, Janice
: APPLICANT: Guebler, Karl J.
: APPLICANT: Hawkins, Phillip R.
: TITLE OF INVENTION: NOVEL HUMAN PROTEIN KINASES
: NUMBER OF SEQUENCES: 9
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Incyte Pharmaceuticals, Inc.
: STREET: 3174 Porter Drive
: CITY: Palo Alto
```

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STATE: CA
COUNTRY: U.S.
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/111,444
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/712,709
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0118 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 2311 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
LIBRARY:
CLONE: Consensus
US-09-111-444-6
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Query Match 16.6%; Score 257.2; DB 3; Length 2311;
Best Local Similarity 56.9%; Pred. No. 1.9e-64;
Matches 513; Conservative 0; Mismatches 383; Indels 6; Gaps 2;
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Qy 508 agagaagagcagtggaataactatgctatgaagattctgaagaagaatcattatgc 567
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Qy 568 aaagatgaagtgacacactcactgaagcagag---tattaagaacactagaca 624
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Db 537 AGACTACATTAAATGGTGGAGAGTGTCTTACCATCTCCAGAGGAAACCTGCTCTGGA 596
Qy 745 ggaacgcacagcttctcattatgtgcagaatgtctcctcctggactatcattcgg 804
Db 597 ACCAGGGCTGCTCTTCTATGCTGTGAATATGACCAAGTGGCTGCTACCTGATTCAC 656
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Db 657 GAACATCGTTTATAGAGACTTAAACACAGAAATATTTTGTAGATTTCACAGGACACAT 716
Qy 865 aaaaattacagatttggacttgcagaagaaggatcacagatgcacacatgaagac 924
Db 717 TGTCTTACTGACTTCGACTCTGCAAGAGAAACATGAAACAAACAGACAAACATCCAC 776
Qy 925 attcgttgacactcagaatatctgcacacagagtggttaagaagataatgactatg 984
Db 777 CTCTGTGGCAGCGGAGATATCTGCACTGAGGTGCTTCAATAGCACGCTTATGACAG 836
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Db 1587 aaggaatagctacaggaagctgaagctagataacacccgttagacaagaatgacata 1646
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Oy 1224 tctctgagtagaactgacagatgataatgaataaagcttgaactcctttaaaccctc 1283
Db 1995 tctgagtagaactgacagatgataatgaataaagcttgaactcctttaaaccctc 2054
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Db 2055 aagtaacatctgagacagatactagatatttgatgaagaatt 2097

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RESULT 13

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US-08-313-274-1
; Sequence 1, Application US/08313274
; Patent No. 5595902

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GENERAL INFORMATION:

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; APPLICANT: BIDEN, Trevor J.
; APPLICANT: SELBIE, Lisa
; TITLE OF INVENTION: Protein Kinase C (Iota)
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rothwell, Figg Ernst & Kurz
; STREET: Suite 701-E, 555 Thirteenth St., N.W
; CITY: Washington
; STATE: D. C.
; COUNTRY: U. S. A.
; ZIP: 20004

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COMPUTER READABLE FORM:

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; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/313,274
; FILING DATE: 02-DEC-1994

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CLASSIFICATION:

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; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: PCT/AU92/00052
; FILING DATE: 04-FEB-1994

```

ATTORNEY/AGENT INFORMATION:

```

; NAME: WALKER, Barbara W.
; REGISTRATION NUMBER: 35,400
; REFERENCE/DOCKET NUMBER: 1871-111A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)783-6040
; TELEFAX: (202)783-6031
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2196 base pairs

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; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; HYPOHETICAL: NO
; ANTI-SENSE: NO
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 265..2025
; US-08-313-274-1

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Query Match

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13.3%; Score 205; DB 1; Length 2196;
Best Local Similarity 52.3%; Pred. No. 2,1e-49;
Matches 547; Conservative 0; Mismatches 465; Indels 33; Gaps 3;

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Oy 507 gagaagaagcagaatggaataatactatgcatgagaatcttgaagaagaagatcatatg 566
Db 1052 GATTAATAAAGACAGATCGTATTTATGCAATGAAGTTGTAAGAAAAGAGCTTTAATG 1111
Oy 567 caaagatgaagtgtgacacactcactaactgaagcagaatataaagaa---cactagac 623
Db 1112 ATGATGAGATATATTTATTTGGGTACAGACAGAAAGCATGTTTGAAGGATCCAAATC 1171
Oy 624 atcccttcttaacacacttgaaatattccttcagacaaagaacgctgtgttctgtga 683
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OY	1203	aaattatgtagacacagtttctctctcgtgaagtaaacctgtgcagaagatgtatatgtataaaagc	1262
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OY	1263	ttgtactcctctttaaaccctcaaggtaacatctgtgagacaaatactatgtatttgtatga	1320
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Job time: 3354 sec